

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for hemostasis of a puncture site in a wall of a blood vessel at an end of a tissue tract having a sheath therein, the method comprising:

- providing a locating member having a proximal end, a distal end, and an expandible member disposed on the distal end thereof,
- inserting the locating member through the sheath in the tissue tract so that the expandible member on the locating member enters a lumen of the blood vessel;
- expanding the expandible member on the inserted locating member and drawing the inserted locating member proximally so that the expanded expandible member covers the puncture site in the vessel wall;
- removing the sheath from the tissue tract while the inserted locating member remains in place;
- providing a tubular compression member having a proximal end, a distal end, a central passage between said proximal end and said distal end, and an expandible tissue compression element disposed over the distal portion thereof, and
- advancing the tubular compression member over the inserted locating member after the sheath has been removed from the tissue tract so that the locating member is received in the central passage of the tubular compression member and the expandible tissue compression element is located within the tissue tract at a predetermined distance proximal from the wall of the blood vessel to define a tissue compression region; and
- expanding the expandible tissue compression element within the tissue tract above the blood vessel wall to apply pressure against subcutaneous tissue and to compress said tissue over the puncture site in the blood vessel wall to promote hemostasis, wherein the expandible tissue compression element on the compression member is left in place until hemostasis has been achieved.

2. (Canceled)

3. (Original) The method of claim 1, wherein the predetermined distance is in a range from about 0.05 inch to about 0.5 inch.

4. (Original) The method of claim 3, wherein the predetermined distance is in a range from about 0.2 inch to about 0.3 inch.

5. (Previously Presented) The method of claim 1, wherein the expandable tissue compression element on the compression member comprises a balloon.

6. (Canceled)

7. (Previously Presented) The method of claim 1, wherein expanding comprises inflating a superior aspect of the balloon greater than an inferior aspect of the balloon.

8. (Previously Presented) The method of claim 1, wherein expanding comprises inflating a distal face of the balloon at an angle to the compression member similar to an angle formed between the compression member and the blood vessel.

9. (Previously Presented) The method of claim 1, wherein expanding comprises inflating the balloon to a deployed configuration comprising a conical shape.

10. (Previously Presented) The method of claim 1, wherein expanding comprises unfolding concentric folds of the balloon.

11. (Previously Presented) The method of claim 1, wherein expanding comprises inflating the balloon to a deployed configuration having a concave distal end.

12.-13. (Canceled)

14. (Previously Presented) The method of claim 1, wherein the expandable member on the locating member is expanded to an expanded configuration within the blood vessel having a diameter in a range from about 0.05 inch to about 0.5 inch.

15.-16. (Canceled)

17. (Previously Presented) The method of claim 1, further comprising contracting and withdrawing the locating member while the compression member remains in place.

18. (Original) The method of claim 1, further comprising imaging the expandable element during positioning.

19. (Original) The method of claim 1, further comprising delivering radio frequency energy, ultrasound energy, or microwave energy to the puncture site.

20. (Original) The method of claim 1, further comprising delivering a clot promoting agent or anti-infection agent to the puncture site.

21. (Original) A kit comprising:
a compression member; and
instructions to use the compression member for hemostasis of a puncture site in a blood vessel according to claim 1.

22.-67. (Canceled)